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The machine moves the bricklayers up the side of the wall, keeping the top layer of bricks always within easy reach, and obviating the necessity of tearing down and rebuilding wood scaffoldings. The platform on which the bricklayers stand is moved upward by two pairs of "walking jacks." One jack of each pair, secured to the wall by means of lugs, moves the platform up as far as its lifting element permits. The other two jacks of the pairs ride up with the platform; then they, in turn, are clamped to the wall, the first two jacks are unclamped, and the process begins anew, with the jacks alternating by twos their lifting and riding, until the top of the wall is reached. The jacks are electrically powered.

The new machine will be turned over for series production, and within a few months will be used in the construction of new buildings in Moscow. It is estimated that the device doubles a bricklayer's productivity.

COMPLETE 25 MODELS OF 15-UNIT AGGREGATE -- Riga, Sovetskaya Latvija, 21 Nov. 51

The Leningrad Prom-t Plant has built 25 models of a new automatic transfer line for the manufacture of bricks, and has set them up in plants in Moscow, Leningrad, Smolensk, and other cities. The line consists of 15 complex machines, including a walking conveyer and hoist.

The first industrial model of the line performed well on tests, turning out over 5,000 bricks per hour. It should cut labor consumption to one tenth of what it was formerly.

MACHINE CUTS 12 BRICKS SIMULTANEOUSLY -- Leningradskaya Pravda, 27 Jan 52

The Kiev Electrical Machinery and Repair Plant of the Ministry of Construction Materials Industry Ukrainian SSR has built an automatic device for cutting, removing, and setting down bricks. It simultaneously cuts 12 bricks from one block, passes them to a drying frame, and loads them onto a car.

The plant has also put out a PB-2 automatic brick-cutting machine. Tested in the Kiev Ceramic Block Plant, it worked well, showing a productivity of 16,000 bricks per hour -- an amount three times as great as existing aggregates of the same type can produce. The plant will put the machine into series production.

TO PRODUCE 30 MACHINES IN 1952 -- Minsk, Sovetskaya Belorussiya, 8 Feb 52

The Mogilev Strommashina Plant recently completed ahead of schedule the assembly of a number of models of a new rock-sorting machine. The rock-sorting machine is one of 30 types of machines which the plant has scheduled for production during 1952.

The plant is also putting out a brick press and a special device for assembly-line production of ceramic tile.

Orders for some of the new machines have already come from the Stalingrad and Kuybyshev GES builders.

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SHIP DRILLS TO CONSTRUCTION PROJECTS -- Moscow, Pravda, 12 Dec 51

The Alma-Ata Heavy Machine Building Plant, which has met the 1951 plan, has shipped to the construction projects on the Volga, Don, and Dnepr rivers 200 sets of drilling equipment since the beginning of 1951.

MAKE LAST SHIPMENT ON 1951 PLAN -- Moscow, Moskovskaya Pravda, 30 Dec 51

The Orsk Construction Machinery Plant has shipped its last consignment of equipment to the great construction projects on the 1951 plan. Since the beginning of 1951, the plant has sent the construction projects multiple-ton winches, and a heavy pile driver, which can drive a 16-meter reinforced-concrete pile into the ground in 15-20 minutes.

SEND PILE-DRIVING EQUIPMENT TO KUYBYSHEV GES -- Moscow, Moskovskaya Pravda, 15 Jan 52

The Podol'sk Machinery and Repair Plant of the Fundamentstroy Trust has sent four 20-meter booms for pile-driving-rigged excavators, and some BT-5 vibrators for driving metal piles, to the site of the Kuybyshev GES.

The plant will soon begin production of the new, low-frequency 101 vibrator, also designed for driving metal piles. The first model of this machine will appear in the first quarter 1952.

TURN OUT SCREENING, CRUSHING MACHINES -- Moscow, Izvestiya, 9 Jan 52

The Nyazepetrovsk Machine Building Plant imeni Kalinin has turned out some screening and crushing machines for the great construction projects.

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